



Contents of Volume 37

Number 1

The Waterborne Pressure Wave from Buried Explosive Charges: An Experimental Investigation	1
J. R. NEDWELL (UK) & T. S. THANDAVAMOORTHY (India)	
Acoustic Design of Beijing Theater	15
XIANG DUANQI, WANG ZHENG, CHEN JINJING & GE YANGANG (China)	
A Tutorial on the Parabolic Equation (PE) Model Used for Long Range Sound Propagation in the Atmosphere	31
M. WEST (UK), K. GILBERT (USA) & R. A. SACK (UK)	
Community Reaction to Road Traffic Noise	51
P. RAMALINGESWARA RAO & M. G. SESHAGIRI RAO (India)	
Traffic Noise Attenuation in an Urban Area in Terms of A-Weighted Sound Exposure Level	65
RUFIN MAKAREWICZ & INGRID KRASNOWSKA (Poland)	
Technical Note	
Expressions of Maekawa's Chart for Computation	75
KOHEI YAMAMOTO & KOICHI TAKAGI (Japan)	
Calendar	83

Number 2

The Importance of In-Plane Waves in Sound Transmission through Buildings	85
R. J. M. CRAIK & A. THANCANAMOOTOO (UK)	
Heuristic Model for Outdoor Sound Propagation Based on an Extension of the Geometrical Ray Theory in the Case of a Linear Sound Speed Profile	109
A. L'ESPÉRANCE, P. HERZOG, G. A. DAIGLE & J. R. NICOLAS (Canada)	
Representation of Elliptic by Parabolic Partial Differential Equations with an Application to Axially Symmetric Sound Propagation	141
R. A. SACK & M. WEST (UK)	

The Design and Evaluation of a Hemi-Anechoic Engine Test Room	151
ANDERS ÅGREN (Sweden)	
Calendar	163

Number 3

Time Domain Solution for the Sound Field in Front of a Partially Reflecting Boundary	165
P. CAINE & M. WEST (UK)	
On the Variability of Room Acoustical Parameters: Reproducibility and Statistical Validity	175
XAVIER PELORSON, JEAN-PAUL VIAN & JEAN-DOMINIQUE POLACK (France)	
Propagation of Out-of-Plane Shear Waves in an Elastic Layer	199
A. KAMIL TANRIKULU, YALCIN MENGI & DOGAN TURHAN (Turkey)	
Prediction of Noise from Plumbing Attached to Light Timber-Framed Walls	213
C. WASSILIEFF & V. DRAVITZKI (New Zealand)	
Technical Note	
Relations between Subjective Spatialisation, Geometrical Parameters and Acoustical Criteria in Concert Halls	233
A. FISCHETTI, Y. HEMIN & J. JOUHANEAU (France)	
Calendar	249

Number 4

Effectiveness of Grass Embankments in Screening High-Rise Buildings from Highway Traffic Noise	251
C. H. CHEW (Singapore)	
On the Study of the Directional Active Attenuation of Noise in a Free Field	261
JILUO ZHOU & WEIMING LIU (People's Republic of China)	
Sound Insulation of Lightweight Double Walls	281
R. A. NOVAK (Sweden)	
Analysis of Sound Field on Spatial Information Using a Four-Channel Microphone System Based on Regular Tetrahedron Peak Point Method	305
KATSUAKI SEKIGUCHI, SHO KIMURA & TOSHIKI HANYUU (Japan)	
Technical Note	
Comparison of Noise Exposure Levels between Workplaces	325
ALBERTO BEHAR (Canada)	
Calendar	333

